



Medium Intensity Red 2,000cd Light 230VAC - LED Aircraft Warning Light ICAO Type B & C. FAA L-864 & L-885 CEL-MI-ACWGAM - StandAlone / MODBUS

Medium-Intensity stand-alone 2,000cd Red model is designed for wind turbines. The product offers unique features such as incorporated fault monitoring, photocell, GPS synchronization, and it supports both stand-alone and Modbus operation as a part of CEL aviation light system network.

Key features

- 2,000cd (effective) RED fixed or flashing
- Extremely reliable - long lifetime
- Supports both stand-alone and Modbus operations
- Suitable for Offshore environment
- Incorporated GPS synchronisation
- Adjustable luminous output levels 10%, 30%, and 100%
- Incorporated photocell and fault monitoring
- Design lifetime more than 20 years
- 5-year warranty- the longest in the industry

Specifications met

- ICAO International Standards and Recommended Practices: Aerodromes Annex 14 Volume 1, 6th Edition, July 2013,
- Chapter 6: Medium-intensity, Type C Fixed Obstacle Light
- FAA Advisory Circular 150/534543F 09/12/06: L-864 and L-885 light unit

Optical characteristics

- 2 000cd (effective)
- Colour aviation RED
- NVG compliant infrared (850nm) as an option
- Horizontal beam 360°
- Vertical beam 3°
- Maximum intensity at -1° is less than 1 125cd
- Maximum intensity at -10° is less than 75cd

Electrical characteristics

- Operating voltage 90-265VAC
- Constant power input by active PFC
- Flash rates: 20/30/40/60 fpm
- Meets standards
EMC (Emissions): EN 61000-6-4
EMC (Immunity): EN 61000-6-2



Electrical characteristics - continued

- Power consumption
17W @ Night (RED, 40 fpm)
20W @ Night (RED+IR, 40 fpm)
25W @ Night (RED, fixed)
30W @ Night (RED+IR, fixed)
- Recommended cables (Outdoor):
Power (L-N-PE): 3x1,5mm² or 3x2,5mm²
Data: CAT 7
Alarm: CAT 7, 3x1,5mm² or 3x2,5mm²
Power + Data: 6x1,5mm² or 6x2,5mm²
- Terminals can be used to distribute power and data to another light head (6 core cable must be used).

Mechanical characteristics

- Painted marine grade aluminium body (C5MHigh)
- Glass cover
- Degree of protection IP66
- Operating temperature range -40...+55 °C
- Mounting 240x240mm, Ø17
- Height 333 mm, diameter 270 mm
- Weight 11 kg

Additional Factory-Installed Options

- Cold-climate version (CCV)
- NVG compliant infrared (IR)



OPERATING VOLTAGE
230 VAC



CAUTION ! LED RADIATION
DO NOT STARE INTO LED BEAM OR VIEW
DIRECTLY WITH OPTICAL INSTRUMENTS.
CLASS 2A LED PRODUCT

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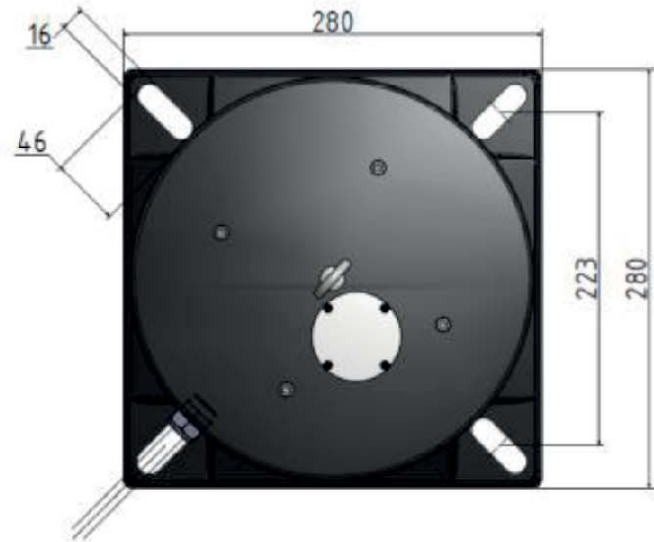
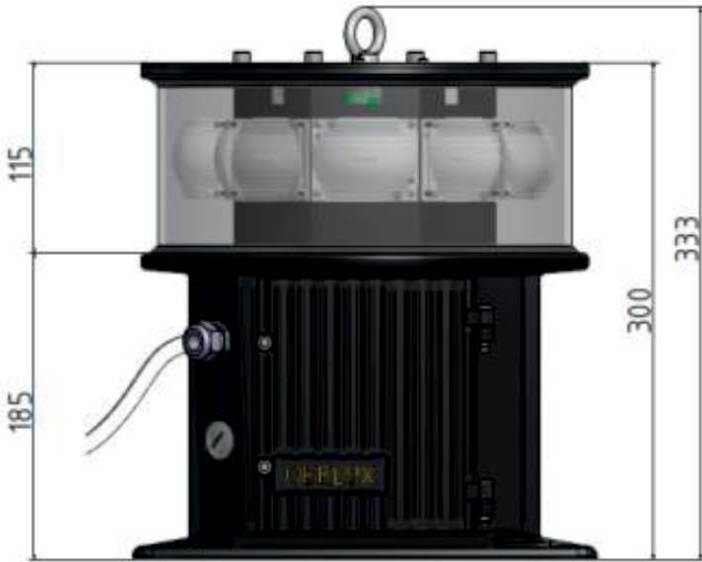
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CEL-MI-ACWGAM

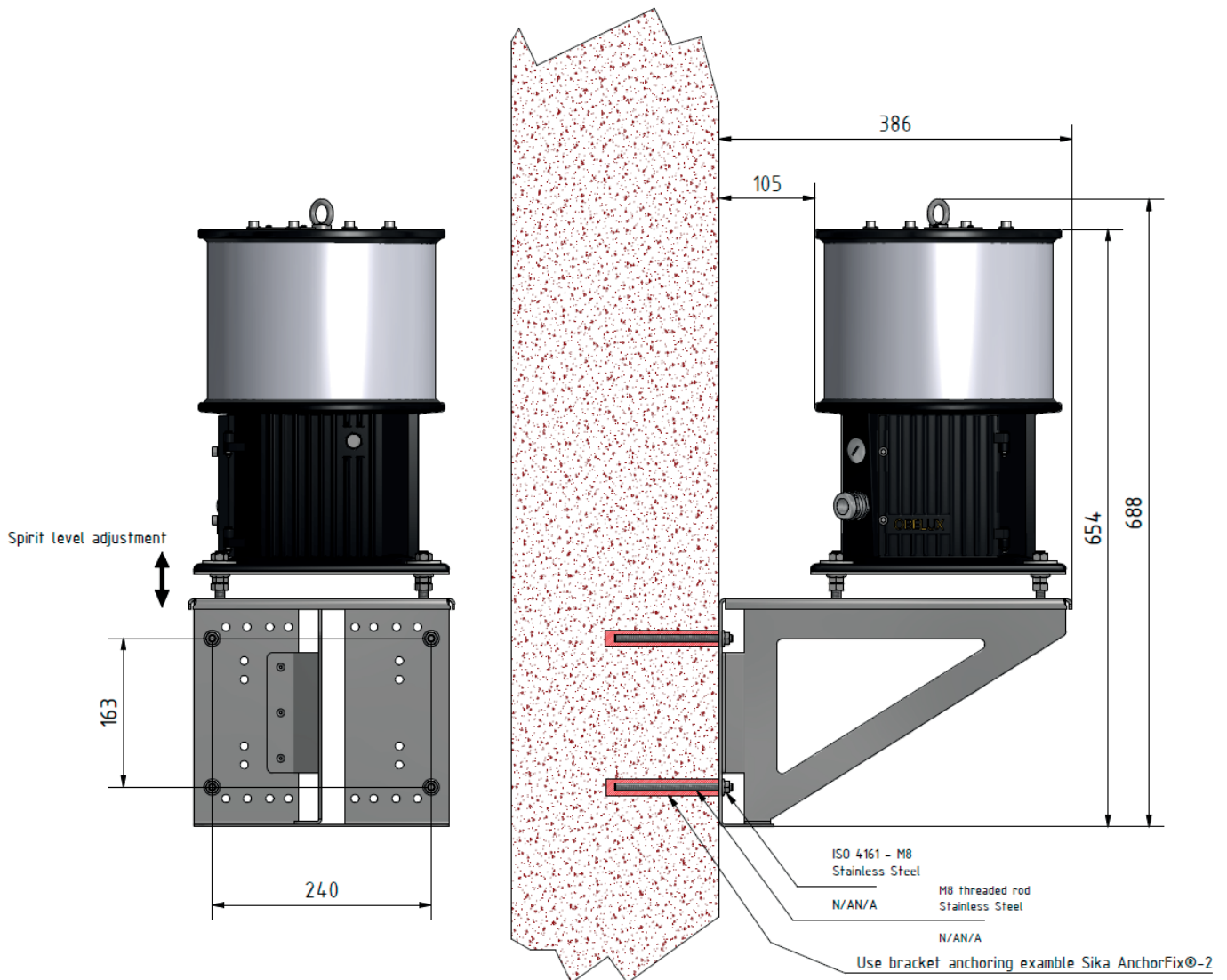
Light unit with mounting dimensions



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Light unit with mounting vertical wall mounting



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Light unit with mounting vertical pole mounting

